

# Converting Colors

Hex(4F4B54)

Have a look what the booklet for  
Hex(4F4B54) contains.

<b>Hex(4F4B54)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4F4B54)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F4B54
RGB	79, 75, 84
RGB Percent	31%, 29%, 33%
CMY	0.6902, 0.7059, 0.6706
CMYK	0.06, 0.11, 0.00, 0.67
HSL	267°, 6%, 31%
HSV	267°, 11%, 33%
XYZ	7.3408, 7.3345, 9.4163
YIQ	77.2220, -0.5050, 3.6470

# Conversions

## Conversions Part 2

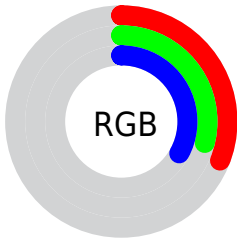
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 75, 84
Decimal	5196628
CIE Lab	32.56, 3.63, -4.73
CIE LCh	33, 5.962, 307.562
Yxy	7.3345, 0.3047, 0.3044
Android (android.graphics.Color)	4283386708 (0xFF4F4B54)
YUV	77.2220, 3.3416, 1.5593
Hunter-Lab	27.0823, 0.9891, -1.6571

# Details

The Hex color **4F4B54** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50544B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **807C85**, and **231F27** is the 20% darker color. If you saturate the color by 10%, you get **4A4354**, and if you desaturate by 10%, it is **545354**.

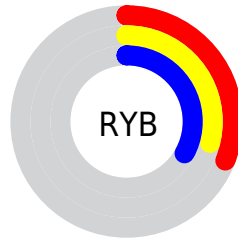
# Distribution



 Red (31%)

 Green (29%)

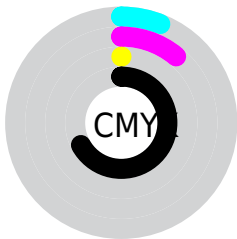
 Blue (33%)




 Red (31%)

 Yellow (29%)

 Blue (33%)

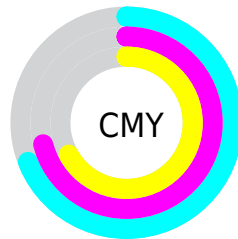


 Cyan (6%)

 Magenta (11%)

 Yellow (0%)

 Black (67%)



 Cyan (69%)

 Magenta (71%)

 Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F4B54 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4F4B54 by changing the saturation by 10% instead.





4F4B54



4F4B54

FFFFFF



38343D



807C85



231F27



9A96A0



0D0713



B5B0BB



000000



D0CCD6



EDE8F3



4F4B54



4F4B54



4A4354



545354



463A54



585C54

■ 413254

■ 5D6454

■ 3C2954

■ 626D54

■ 382154

■ 667554

■ 331954

■ 6B7D54

■ 2E1054

■ 708654

■ 2A0854

■ 748E54

■ 250054

■ 799754

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



494D56



4F4B54



544A50

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4F4B54



544B44



414F4E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4F4B54



50544B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



454F49



4F4B54



4F4D43

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4F4B54



564A47



4A4E45



414F52

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4F4B54



56494D



4A4E45



424F4C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4F4B54



6C6A6E



4B5054



373638



B8B8B8



383838



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4F4B54



665F6E



534B54



272529



2E0069



6700E8



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



544B50



6E5F67



4C544B



292527



69003A



E80081



# Previews

## White Background



This preview shows how the Hex color 4F4B54 looks on a white background.

## Color Contrast Check

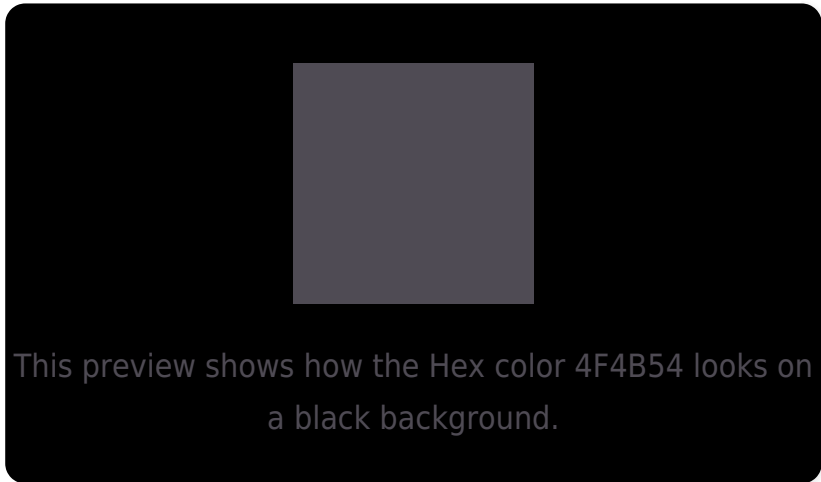
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

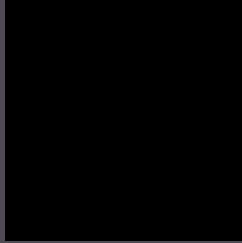
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F4B54 Background



This preview shows how black text looks on a background with the Hex color 4F4B54.



This preview shows how white text looks on a background with the Hex color 4F4B54.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
4F4B54

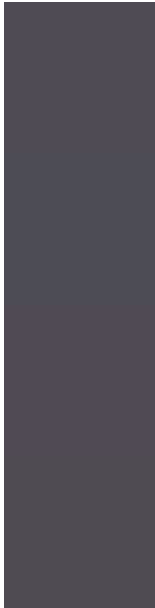
**Protanopia**  
4C4C55

**Deuteranopia**  
514A54



**Tritanopia**  
4F4B51

# Trichromacy



**Original Color**

4F4B54

**Protanomaly**

4D4C55

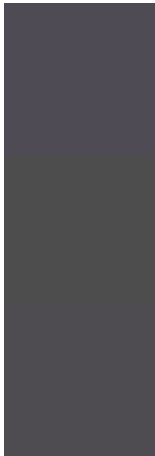
**Deuteranomaly**

504A54

**Tritanomaly**

4F4B52

# Monochromacy



**Original Color**

4F4B54

**Achromatopsia**

4D4D4D

**Achromatomaly**

4E4C50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F4B54 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4F4B54 looks like.

```
.text, #text, p{  
    color:#4F4B54  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4F4B54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4B54
}
```

## Border

The CSS property to change the border of an element to Hex 4F4B54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

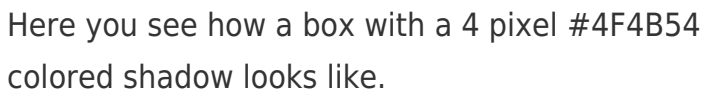
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F4B54 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4F4B54 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #4F4B54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4B54; -webkit-box-shadow:4px 4px  
4px 4px #4F4B54; box-shadow:4px 4px 4px  
4px #4F4B54 }
```

# Background

The CSS property to change the background color of an element to Hex 4F4B54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4B54 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4F4B54 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor